

REMARKS

By this amendment, the Abstract of Disclosure has been added as the last page of the application (page no. 30). The separate page for the Abstract of the Disclosure is attached.

An amendment to the specification is made to incorporate headings and subheadings as required by U.S. practice.

Claims 16-30 are currently pending. The claims have been amended in order to conform them to U.S. practice. No new matter has been introduced by these amendments.

The examiner is respectfully requested to consider the above preliminary amendment prior to examination of the application.

If there is any fee due in connection with the filing of this Preliminary Amendment, please charge the fee to our Deposit Account No. 06-0916. If a fee is required for an extension of time under 37 C.F.R. § 1.136 not accounted for above, such an extension is requested and the fee should be charged to our deposit account.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: May 27, 2005

By: 

Ernest F. Chapman
Reg. No. 25,961

Attachments: Abstract of the Disclosure

ABSTRACT OF THE DISCLOSURE

An optical communication system has a transmitter generating a phase-modulated optical signal (S_a, S_b, \dots, S_k); a receiver for receiving the phase-modulated optical signal; an optical communication link between the transmitter section and the receiver section. The optical communication link is a dispersion-managed optical communication link having dispersion-compensating elements propagating the phase-modulated optical signal at substantially constant optical power. The receiver has a dispersive element having a prescribed dispersion, the dispersive element receiving and converting the phase-modulated optical signal into a corresponding intensity-modulated optical signal, and an optical intensity detector fed with the intensity-modulated optical signal.